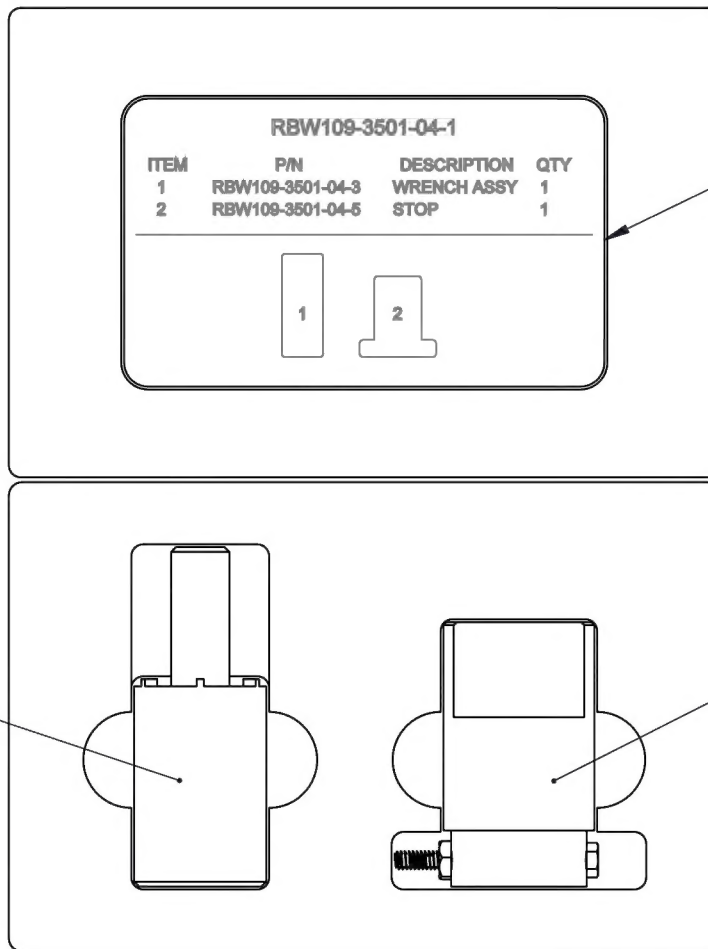


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0215	-1, -3, & -5 CH'D DWG. TO SHEET METAL TOLERANCES. -1 & -3 CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK, ADDED VENDOR (CASE SOLUTIONS). -1 ADDED FINGER GRABS, DELETED DIM 8X R.08 ADDED DIM'S 4X .50, 4X 45°, 4X R.14, CH'D DIM'S WAS $\sqrt{.99}$ IS $\sqrt{1.02}$, WAS $\sqrt{1.38}$ IS $\sqrt{1.41}$, WAS $\sqrt{1.57}$ IS $\sqrt{1.60}$, WAS 2X .60 IS 2X .65, WAS 1.30 IS 1.28, WAS 4.83 IS 4.89, WAS 7.34 IS 7.40. -3 CH'D DIM WAS 3.010 IS 3.06 WAS .83 IS .92, WAS 1.07 IS 1.17, WAS 5.010 IS 5.06, WAS 4.67 IS 4.89, WAS 4X R.25 IS 4X .28, WAS .125 IS .13, WAS 7.14 IS 7.40, WAS .45 IS .72, WAS 4X 1° IS 4X 2°, ADDED DIM'S 4X .38, 4X 45°. -5 CH'D SPELLING WAS DISCRPTION IS DESCRIPTION, DELETED TEXT HT. NOTES, ADDED USE PDF NOTE.	11/7/2016	RJC	SM



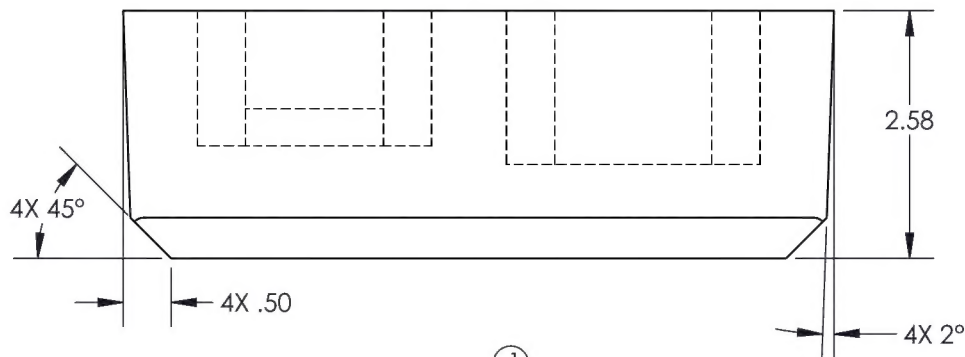
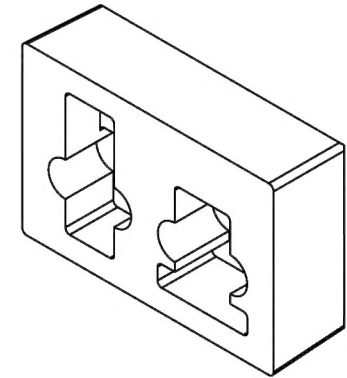
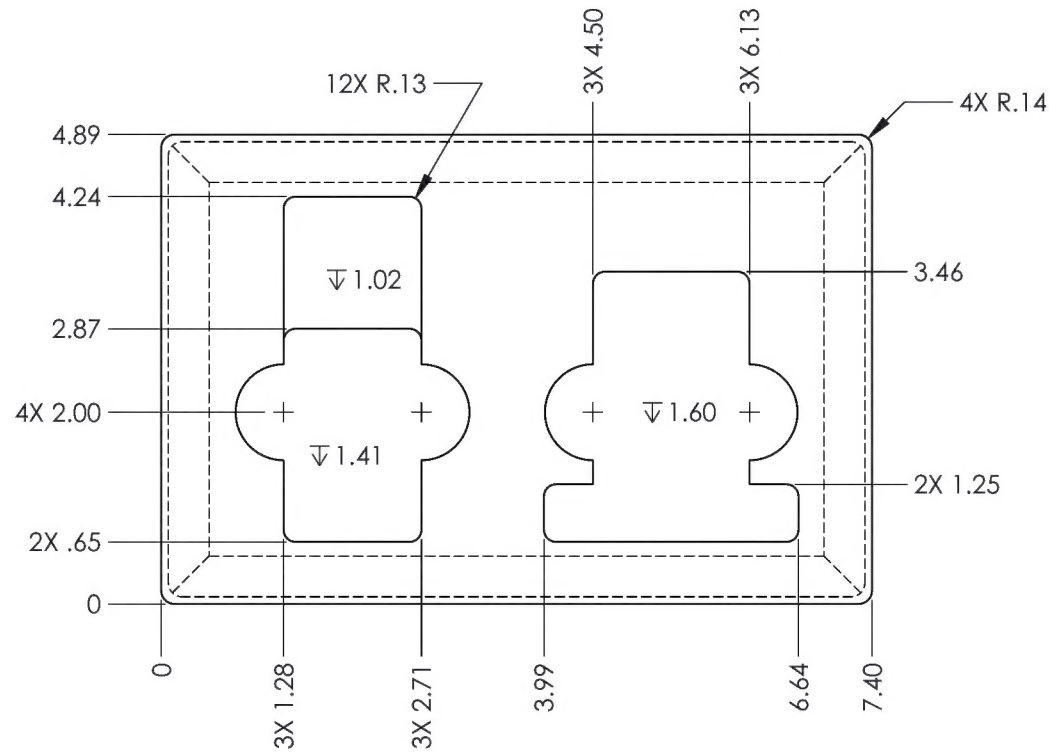
NOTE:
REF: AGUSTA T/N 109-3501-04-1.

DART AEROSPACE																											
TITLE TOOL ASSY, MLG WHEEL ASSEMBLY / DISASSEMBLY																											
DWG NO. RBW109-3501-04-1	REV 2																										
<table border="1"> <tr> <td>MAT'L</td> <td>UNLESS OTHERWISE SPECIFIED</td> </tr> <tr> <td>HEAT TREAT</td> <td>DIMENSIONS ARE IN INCHES</td> </tr> <tr> <td>FINISH</td> <td>.XXX ± .005 FRACTIONS ± 1/8</td> </tr> <tr> <td></td> <td>.XX ± .01 ANGLES ± .5°</td> </tr> <tr> <td></td> <td>.X ± .1 SURFACES = 125</td> </tr> <tr> <td>SPEC</td> <td>1. BREAK ALL SHARP EDGES .015 x 45° OR .015R</td> </tr> <tr> <td>DRAWN BY: GILBERT</td> <td>2. DIMENSIONAL LIMITS APPLY AFTER PLATING</td> </tr> <tr> <td>CHECKED: DUERFELDT</td> <td>3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009</td> </tr> <tr> <td>OPPS APPR: ANDERSON</td> <td>USED ON MODEL</td> </tr> <tr> <td>QA APPR: LINDSAY</td> <td>AW139</td> </tr> <tr> <td>APPROVED: MACKOVJAK</td> <td></td> </tr> <tr> <td>SCALE 1:2</td> <td>DATE 4/4/2013</td> </tr> <tr> <td colspan="2">SHEET 1 OF 4</td> </tr> </table>		MAT'L	UNLESS OTHERWISE SPECIFIED	HEAT TREAT	DIMENSIONS ARE IN INCHES	FINISH	.XXX ± .005 FRACTIONS ± 1/8		.XX ± .01 ANGLES ± .5°		.X ± .1 SURFACES = 125	SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	DRAWN BY: GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	OPPS APPR: ANDERSON	USED ON MODEL	QA APPR: LINDSAY	AW139	APPROVED: MACKOVJAK		SCALE 1:2	DATE 4/4/2013	SHEET 1 OF 4	
MAT'L	UNLESS OTHERWISE SPECIFIED																										
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DRAWN BY: GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING																										
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OPPS APPR: ANDERSON	USED ON MODEL																										
QA APPR: LINDSAY	AW139																										
APPROVED: MACKOVJAK																											
SCALE 1:2	DATE 4/4/2013																										
SHEET 1 OF 4																											

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				1	WRENCH ASSEMBLY		RBW109-3501-04-3	1
				1	STOP		RBW109-3501-04-5	1
		B/O	-1	1	BOTTOM TOOL CUSHION	ETHAFOAM 220, BLACK	2.58 X 4.89 X 7.40 (CASE SOLUTIONS)	2
		B/O	-3	1	TOP TOOL CUSHION	ETHAFOAM 220, BLACK	.72 X 4.89 X 7.40 (CASE SOLUTIONS)	3
			-5	1	PLACARD	PLASTIC		4
		B/O	-7	1	CASE	PLASTIC	PELICAN #APP-1120-E	N/S

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0215	-1 ADDED FINGER GRABS, DELETED DIM 8X R.08 ADDED DIM'S 4X .50, 4X 45°, 4X R.14, CH'D DIM'S WAS ∇ .99 IS ∇ 1.02, WAS ∇ 1.38 IS ∇ 1.41, WAS ∇ 1.57 IS ∇ 1.60, WAS 2X .60 IS 2X .65, WAS 1.30 IS 1.28, WAS 4.83 IS 4.89, WAS 7.34 IS 7.40, CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK, ADDED VENDOR (CASE SOLUTIONS), CH'D DWG. TO SHEET METAL TOLERANCES.	11/7/2016	RJC	SM

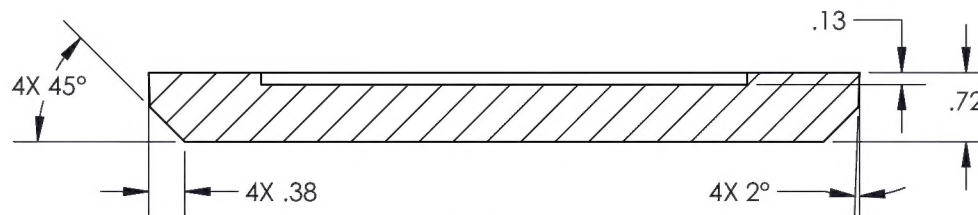
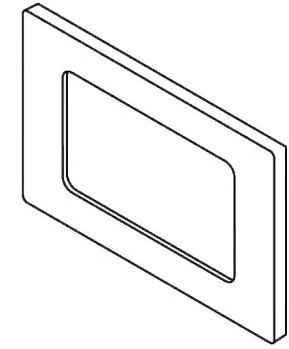
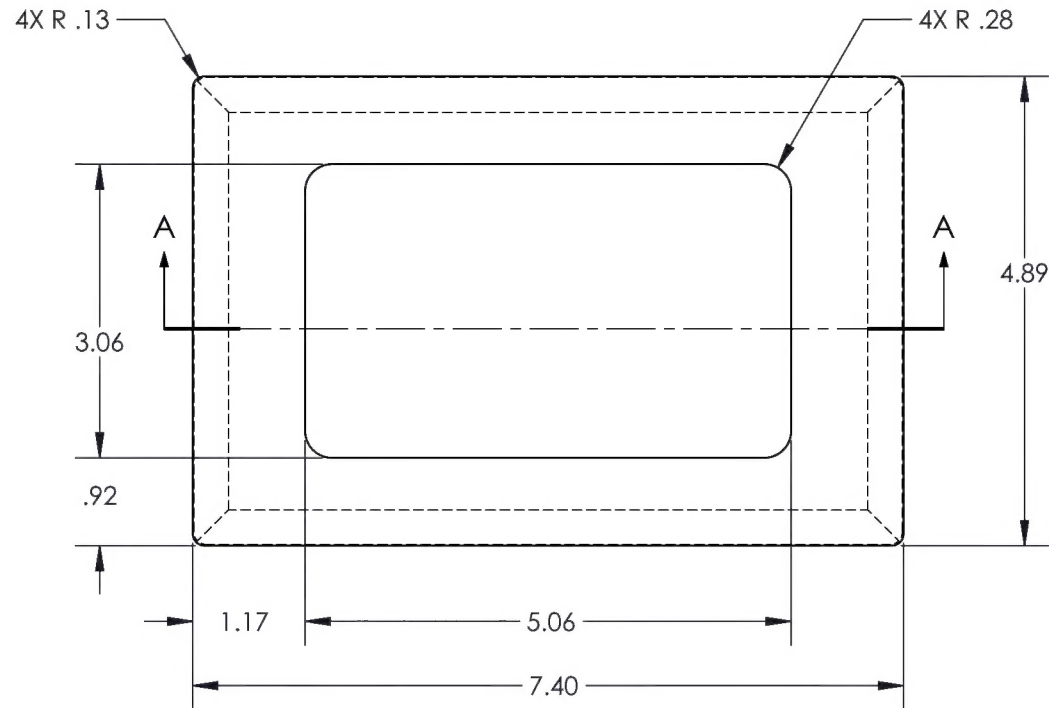


①
BOTTOM TOOL CUSHION

DART AEROSPACE	
TITLE TOOL ASSY, MLG WHEEL ASSEMBLY / DISASSEMBLY	
DWG NO. RBW109-3501-04-1-1	REV 2
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: GILBERT	USED ON MODEL
CHECKED: DUERFELDT	AW139
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: MACKOVJAK	
SCALE 1:2	DATE 4/4/2013
SHEET 2 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0215	-3 CH'D DIM WAS 3.010 IS 3.06 WAS .83 IS .92, WAS 1.07 IS 1.17, WAS 5.010 IS 5.06, WAS 4.67 IS 4.89, WAS 4X R.25 IS 4X .28, WAS .125 IS .13, WAS 7.14 IS 7.40, WAS .45 IS .72, WAS 4X 1° IS 4X 2°, ADDED DIM'S 4X .38, 4X 45°, CH'D MATERIAL WAS Y20 BLACK IS ETHAFOAM 220, BLACK, ADDED SUPPLIER (CASE SOLUTIONS), CH'D DWG TO SHEET METAL TOLERANCES.	11/7/2016	RJC	SM



SECTION A-A

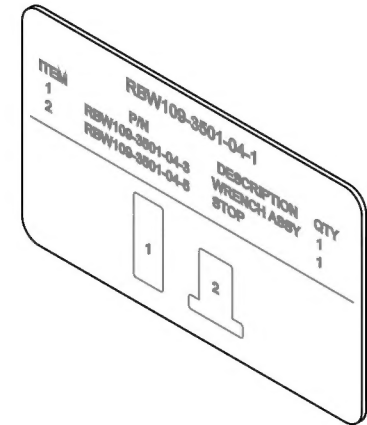
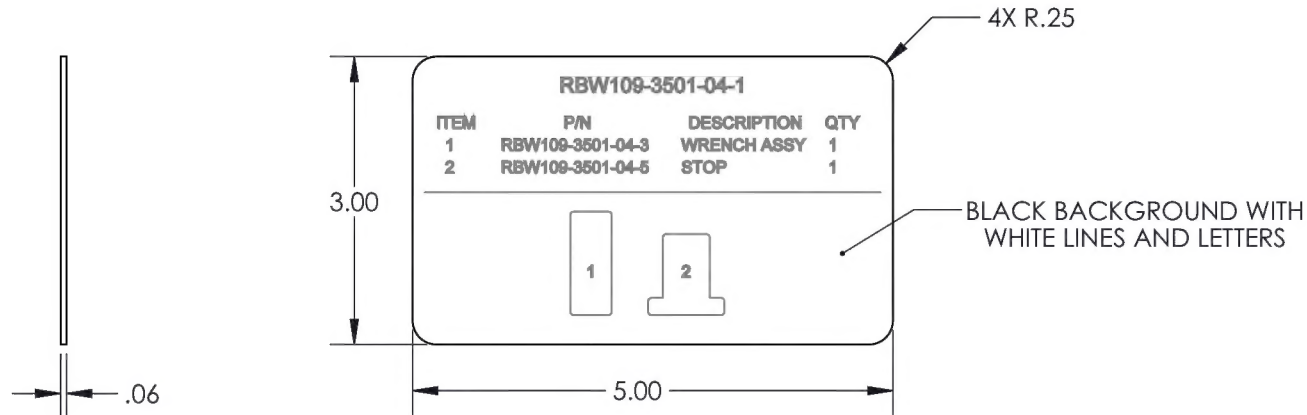
(-3)

TOP TOOL CUSHION

DART AEROSPACE	
TITLE TOOL ASSY, MLG WHEEL ASSEMBLY / DISASSEMBLY	
DWG NO. RBW109-3501-04-1-3	REV 2
MAT'L ETHAFOAM 220, BLACK FINISH SPEC DRAWN BY: GILBERT CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: MACKOVJAK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL AW139	
SCALE 1:2	DATE 4/4/2013
SHEET 3 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0215	-5 CH'D SPELLING WAS DISCRPTION IS DESCRIPTION, DELETED TEXT HT. NOTES, ADDED USE PDF NOTE, CH'D DWG. TO SHEETMETAL TOLERANCES.	11/7/2016	RJC	sm



NOTE:
USE PDF.

(-5)
PLACARD

DART AEROSPACE	
TITLE TOOL ASSY, MLG WHEEL ASSEMBLY / DISASSEMBLY	
DWG NO. RBW109-3501-04-1-5	REV 2
MAT'L PLASTIC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: MACKOVJAK	AW139
SCALE 1:2	DATE 4/4/2013
SHEET 4 OF 4	